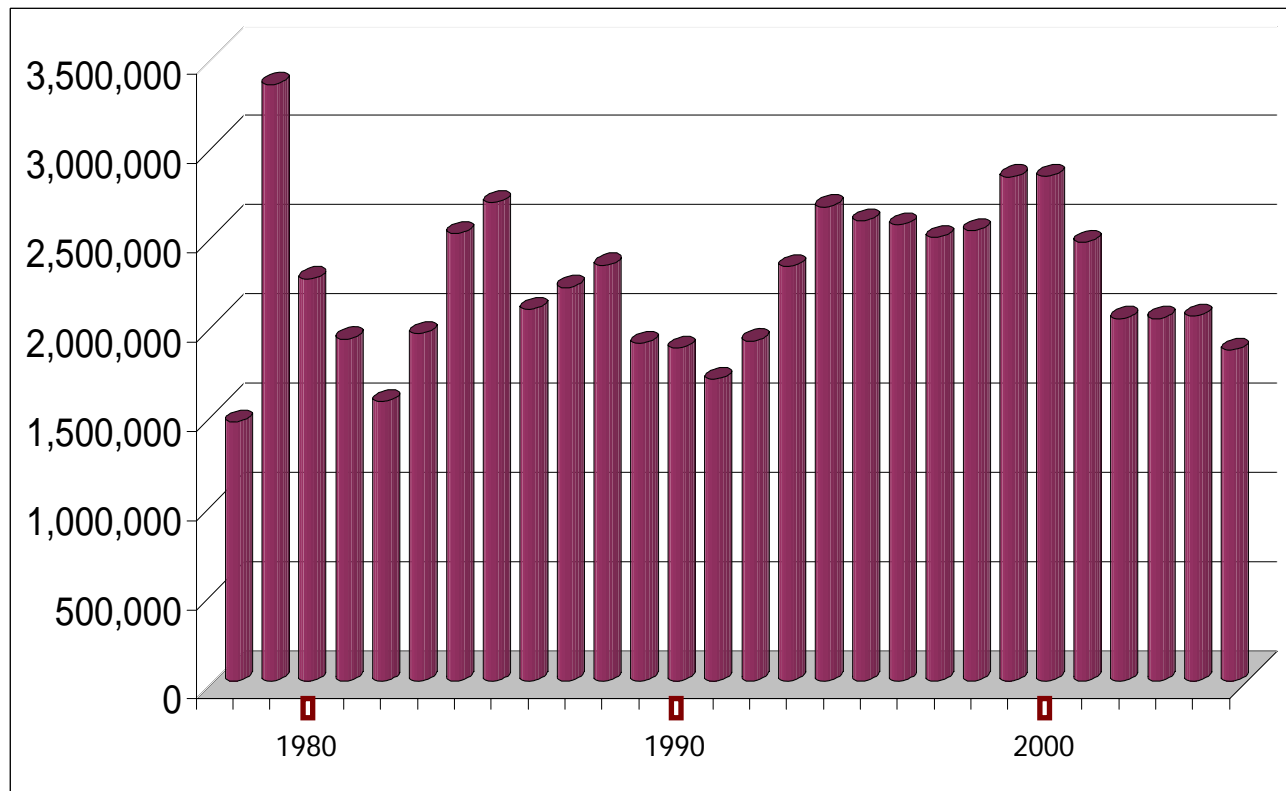


Sand Dune Sand Produced in Michigan

Year	Tons
1978	1,447,217
1979	3,339,916
1980	2,250,865
1981	1,913,690
1982	1,561,431
1983	1,942,400
1984	2,502,661
1985	2,677,543
1986	2,079,696
1987	2,203,171

Year	Tons
1988	2,326,843
1989	1,888,317
1990	1,861,795
1991	1,689,804
1992	1,902,225
1993	2,319,239
1994	2,653,725
1995	2,573,335
1996	2,552,438
1997	2,480,901

Year	Tons
1998	2,519,415
1999	2,821,823
2000	2,824,713
2001	2,454,322
2002	2,029,051
2003	2,028,923
2004	2,043,337
2005	1,852,712



Annual sand production from Designated Sand Dune Area, reported in tons. Data is for all reporting sand mining operations permitted under the purview of Part 637, Sand Dune Mining, of the Natural Resources and Environmental Protection Act, Act 451, PA 1994, as amended (NREPA). Industrial Sand production from locations outside of Designated Sand Dune Areas is not regulated by or reported to the State so it is not included here. From 1978 to 2005, 62,741,508 tons of sand have been produced. The average production for this time frame is 2,240,768 tons per year.